

# Courses offered by the Department of Biology, 2024 - 2025

Note - the list is preliminary and adjusted to English-speaking students		Preliminary: January 2024	
Please note that the prerequisites differ between the courses, and may differ from the prerequisites of our Masters's programmes			
Autumn semester 2024		Spring semester 2025	
Period 1: Sep. 2 - Nov. 1	Period 2: Nov. 4 - Jan. 17	Period 1: Jan. 20 - Mar. 21	Period 2: Mar. 24 - Jun. 5
<b>Basic level courses</b> (offered in Swedish)			
Cell- and Microbiology BIOA10 15 cr	Genetics and Evolution BIOA11 15 cr	Botany and Zoology BIOB10 15 cr	Ecology BIOC13 15 cr
Ecology BIOC13 15 cr	Human and Animal Physiology BIOC11 15 cr	Molecular Biology MOBA03 15 cr	Ecology BIOC12 7.5 cr, a
Human and Animal Physiology BIOC11 15 cr	Nature Conservation BIOC05 15 cr		Experiment. Design and Analysis BIOB11 7.5 cr, a
Human Biology & Evolution BIOF06 7.5 cr, pt			Faunistics and Floristics BIOB12 7.5 cr, b
<b>Advanced level courses</b> (offered in English unless otherwise stated)			
Bioinformatics BINP17 7,5 cr, a	Animal Ecology BIOR91 15 cr	Applied Ecotoxicology, BIOR52	Antibiotics - Biology & Chemistry BIOR56 7.5 cr, a
Bryophyte Morph. & Ident. BIOR97 5cr, online	Ecotoxicology BIOR41, 15 cr	Aquatic Ecology BIOR82	Applied Bioinformatics BIOR93 7.5 cr, b
Evol. Biol.- Patterns & Processes BIOR89 15 cr	LimnoMarine: Concepts/Proc BIOR87 15 cr	Cellular & Molecular Neurobiology BIOR84 15 cr	Biological Monitoring BIOR39 15 cr
LimnoMarine: Organism/Habit. BIOR86 15 cr	Immunology BIOR85 15 cr	Conservation Biology BIOR83 15 cr	Evol. Biol. - Methods & Applications BIOR90 15 cr
Microbiology BIOR18 15 cr	Modelling Biological Syst. BIOS13 7.5 hp, pt	DNA Sequencing Informatics I BINP28 7.5 cr, a	Genetic Analysis BIOR92 7.5 cr, a
Molecular Genetics in Eukaryotes BIOR95 15 cr	Molecular Microbiology BIOR63 15 cr	DNA Sequencing Informatics II BINP29 7.5 cr, b	Microscopy - Bio-Imaging BIOS08 7.5cr, b
Mosses, Lichens, Fungi BIOR11 15 cr (in Swedish, autum 2024, 2026)	Plant Function BIOR76 15 cr	Immunology & Infection Biology BIOR88 15 cr	Ornithology BIOR51 15 cr
Neurobiology BIOR58 15 cr	Processing & Anal. Biol. Data BIOS14 7.5 cr, pt	Molecular Biotechnology and Methods BIOR94 15 cr	Pharmacology BIOR98 15 cr
Programming in Python BINP16 7.5 cr, b	Sensory Biology BIOR20 15 cr	Molecular Ecology & Evolution BIOR25 15 cr	Plant Systematics & Diversity BIOR96 10cr, online
Population & Community Ecology BIOR69 15 cr			Water Management BIOR66 15 cr
Soil and Plant Ecology BIOR78 15 cr			
Project and Applied work courses of different lengths and credits are offered all periods. For programme students at the department of Biology. Ask the study advisors for information.			
Applied work (7,5 cr - 30 cr)	BIOF20 (7,5 cr), BIOF22 (10 cr), BIOF21 (15 cr), BIOF30 (30 cr)		
Biology: Project (7,5 cr - 30 cr)	BIOF09 (7,5 cr), BIOT05 (7,5 cr), BIOT03 (15 cr), BIOT04 (30 cr)		a: offered the first part of the period
Molecular biology: Project (7,5 cr - 30 cr)	MOBT05 (7,5 cr), MOBT03 (15 cr), MOBT04 (30 cr)		b: offered the second part of the period
Bachelor's degree project (30 cr)	BIOK10, MOBK10		pt: offered part time
One-year master's degree project (30 cr)	BIOY10, MOBY10		
Biology: MSc degree project (30 - 60 cr)	BIOM02 (30 cr), BION02 (45 cr), BION03 (60 cr)		
Molecular Biology: MSc degree project (30 - 60 cr)	MOBM02 (30 cr), MOBN02 (45 cr), MOBN03 (60 cr)		
Bioinformatics: Project (7,5 - 30 cr)	BINP35 (7,5 cr), BINP37 (15 cr), BINP39 (30 cr)		
Bioinformatics: Applied work (7,5 - 15 cr)	BINP36 (7,5 cr), BINP38 (15 cr)		
Bioinformatics: MSc degree project (30 - 60 cr)	BINP50 (30 cr), BINP51 (45 cr), BIOP52 (60 cr)		